

| | • | |
|--------------|--|----------|
| <110> | Tosoh Corporation | |
| <120> | Oligonucleotide and Method for Detecting Verotox: | in |
| <130> | PA211-0407 | |
| <160> | 44 | |
| <210> | 1 | |
| <211> | 20 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | Oligonucleotide capable of binding specifically t | 0 |
| <400> | 1 | |
| aaaaaacatt | atttgtcctg | 20 |
| <210> | 2 | |
| <211> | 20 | |
| <212>DNA | | |
| <213>Artif | ficial Sequence | |
| <220> | | |
| <223> | Oligonucleotide capable of binding specifically to | . |
| | VT1 RNA | |
| <400> | 2 | |
| tggcgattta t | | |
| | | 20 |
| <210> | 3 | |
| <211> | 20 | |
| | | |



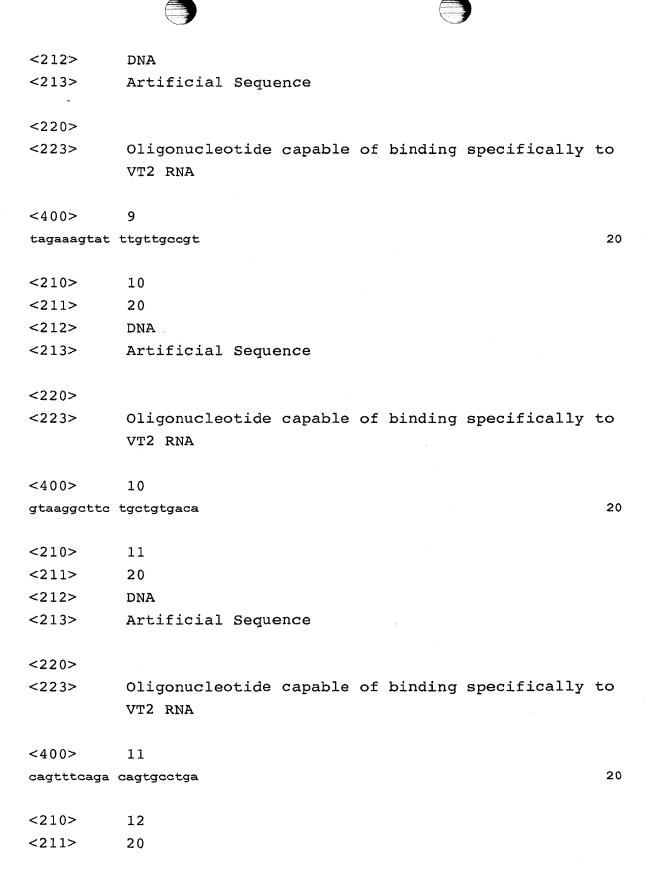


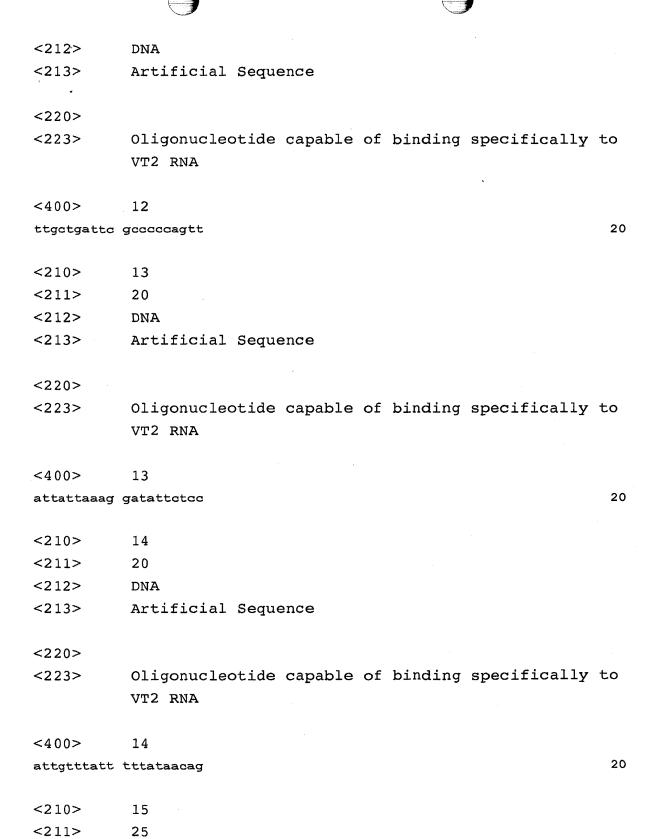
| <212> | DNA | |
|--------------|---|----|
| <213> | Artificial Sequence | |
| | | |
| <220> | | |
| <223> | Oligonucleotide capable of binding specifically | to |
| | VT1 RNA | |
| | | |
| <400> | 3 | |
| gatgatgaca | attcagtatt | 20 |
| | | • |
| <210> | 4 | |
| <211> | 20 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| -000 | | |
| <220> | | |
| <223> | Oligonucleotide capable of binding specifically | to |
| | VT1 RNA | |
| -100> | | |
| <400> | 4 | |
| ttttattgtg | cgtaatccca | 20 |
| <210> | 5 | |
| <211> | 20 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| | | |
| <220> | | |
| <223> | Oligonucleotide capable of binding specifically | +0 |
| | VT1 RNA | |
| | | |
| <400> | 5 | |
| taatagttot q | gcgcatcaga | 20 |
| | | |
| <210> | 6 | |
| <211> | 20 | |

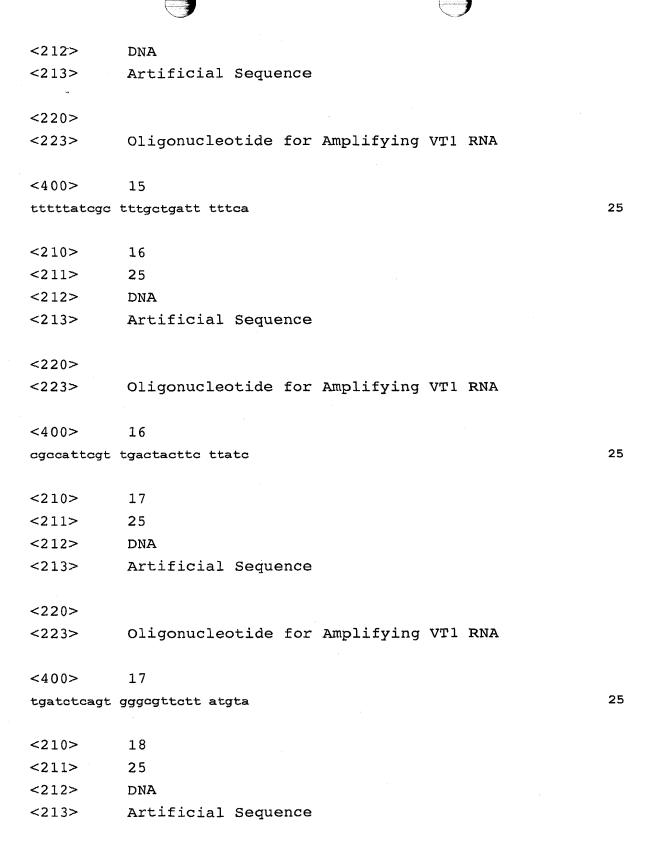




| <212> | DNA | |
|-------------------------------------|---|----|
| <213> | Artificial Sequence | |
| - | | |
| <220> | | |
| <223> | Oligonucleotide capable of binding specifically | to |
| | VT2 RNA | |
| | | |
| <400> | 6 | |
| tatacaggtg | ttccttttgg | 20 |
| | | |
| <210> | 7 | |
| <211> | 20 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| | | |
| <220> | | 4 |
| <223> | Oligonucleotide capable of binding specifically | to |
| | VT2 RNA | |
| <400> | 7 | |
| /400 / | <i>'</i> | |
| tatatottoa | agaggggtcg | 20 |
| tatatgttca | agaggggtcg | 20 |
| tatatgttca | agaggggtcg 8 | 20 |
| | | 20 |
| <210> | 8 | 20 |
| <210> <211> | 8 20 | 20 |
| <210> <211> <212> | 8 20 DNA | 20 |
| <210> <211> <212> | 8 20 DNA | 20 |
| <210> <211> <212> <213> | 8 20 DNA | |
| <210> <211> <212> <213> <220> | 8 20 DNA Artificial Sequence | |
| <210> <211> <212> <213> <220> | 8 20 DNA Artificial Sequence Oligonucleotide capable of binding specifically | |
| <210> <211> <212> <213> <220> | 8 20 DNA Artificial Sequence Oligonucleotide capable of binding specifically | |
| <210> <211> <212> <213> <220> <223> | 8 20 DNA Artificial Sequence Oligonucleotide capable of binding specifically VT2 RNA | |
| <210> <211> <212> <213> <220> <223> | 8 20 DNA Artificial Sequence Oligonucleotide capable of binding specifically VT2 RNA | to |
| <210> <211> <212> <213> <220> <223> | 8 20 DNA Artificial Sequence Oligonucleotide capable of binding specifically VT2 RNA | to |

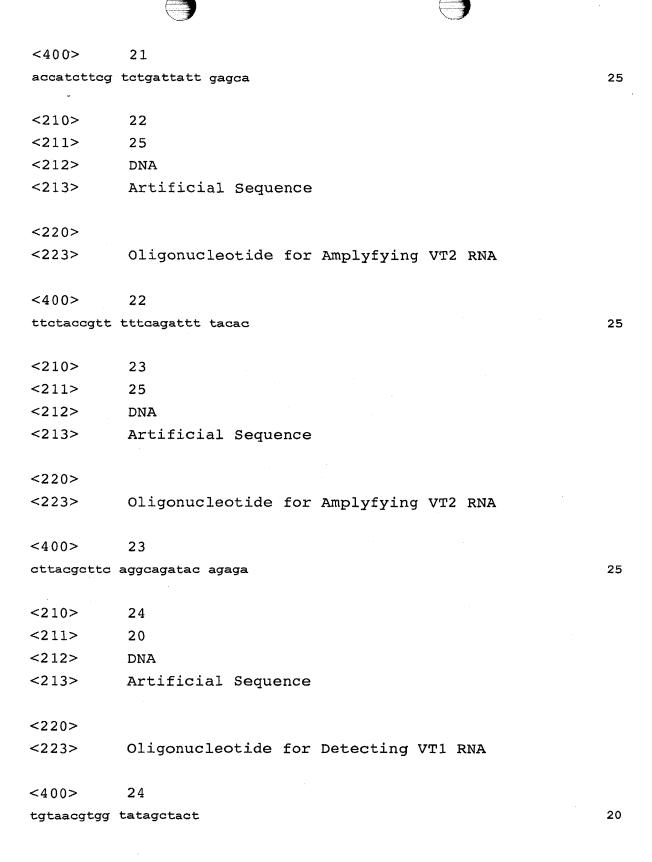






Į.

| <220> | | | |
|------------|--|---|-----|
| <223> | Olimpuslostido for amplifuire 1771 DNA | | |
| ~223/ | Oligonucleotide for Amplifying VT1 RNA | | |
| <400> | 18 | | |
| | tcgcgagttg ccaga | s | 25 |
| | | • | . • |
| <210> | 19 | | |
| <211> | 25 | | |
| <212> | DNA | | |
| <213> | Artificial Sequence | | |
| | | | |
| <220> | | | |
| <223> | Oligonucleotide for Amplyfying VT2 RNA | | |
| | | | |
| <400> | 19 | | |
| gtatatgaag | tgtatattat ttaaa | 2 | 25 |
| | | | |
| <210> | 20 | | |
| <211> | 25 | | |
| <212> | DNA | | |
| <213> | Artificial Sequence | | |
| | | | |
| <220> | | | |
| <223> | Oligonucleotide for Amplyfying VT2 RNA | | |
| | | | |
| <400> | 20 | | |
| atatatctca | ggggaccaca tcggt | 2 | 25 |
| | | | |
| <210> | 21 | | |
| <211> | 25 | | |
| <212> | DNA | | |
| <213> | Artificial Sequence | | |
| | | | |
| <220> | | | |
| <223> | Oligonucleotide for Amplyfying VT2 RNA | | |







| <210> | 25 | |
|----------------|---------------------------------------|----|
| <211> | 20 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| | | |
| <220> | | |
| <223> | Oligonucleotide for Detecting VT2 RNA | |
| | | |
| <400> | 25 | |
| ttaacgccag | atatgatgaa | 20 |
| <210> | 26 | |
| <211> | 20 | |
| <212> | D NA | |
| <213> | Artificial Sequence | |
| | - | |
| <220> | | |
| <223> | 3rd Oligonucleotide | |
| | | |
| <400> | 26 | |
| gatcatccag | tgttgtacga | 20 |
| | | |
| <210> | 27 | |
| <211> | 39 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| | | |
| <220> <223> | 1st Olimpuslostido | |
| ~223 / | 1st Oligonucleotide | |
| <400> | 27 | |
| | atttgtcctg ttaacaaatc ctgtcacat | 39 |
| | | - |
| <210> | 28 | |
| <211> | 39 | |
| <212> | DNA | |
| | | |





| <213> | Artificial Sequence | |
|------------|---------------------------------|----|
| <22°5> | | |
| <223> | 1st Oligonucleotide | |
| <400> | 28 | |
| tggcgattta | totgcatoco ogtacgactg atcoctgca | 39 |
| <210> | 29 | |
| <211> | 39 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| -1120 | Wretirerar peddence | |
| <220> | | |
| <223> | 1st Oligonucleotide | |
| | | |
| <400> | 29 | |
| gatcatccag | tgttgtacga aatcccctct gtatttgcc | 39 |
| | | |
| <210> | 30 | |
| <211> | 39 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| | | |
| <220> | | |
| <223> | 1st Oligonucleotide | |
| <400> | 30 | |
| | attcagtatt aatgccacgc ttcccagaa | |
| gacgacgaca | atteagtatt aatgeeaege tteeeagaa | 39 |
| <210> | 31 | |
| <211> | 39 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| | | |
| <220> | | |
| | | |



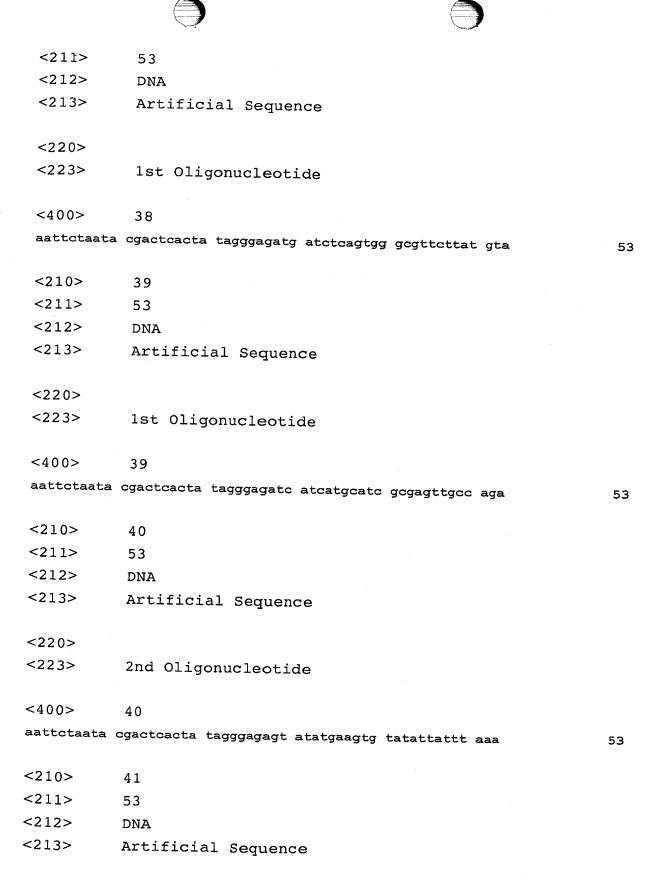


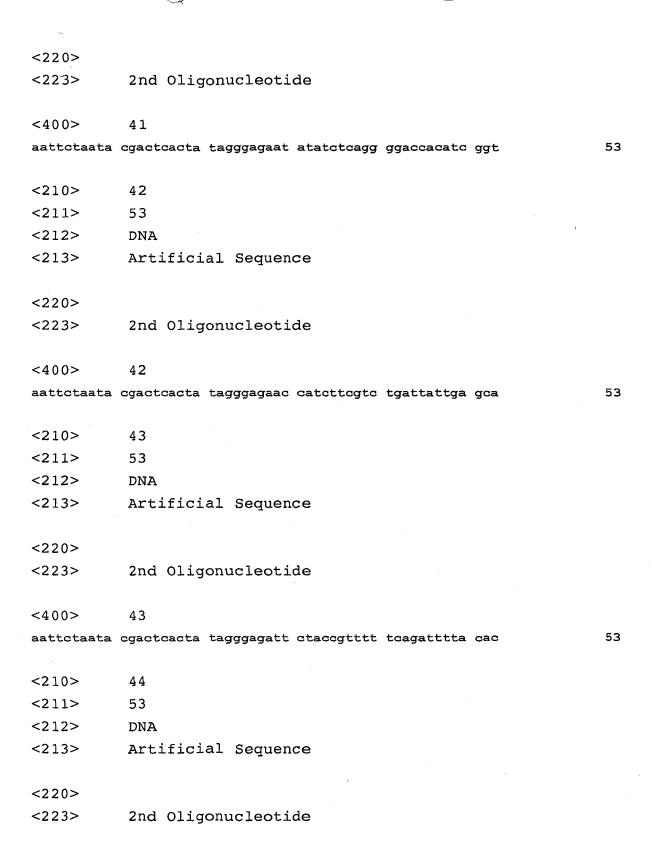
| <223> | 1st Oligonucleotide | |
|--------------|---------------------------------|----|
| <400> | 31 | |
| tatacaggtg | ttccttttgg ctgaagtaat cagcaccag | 39 |
| <210> | 32 | |
| <211> | 39 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | 1st Oligonucleotide | |
| <400> | 32 | |
| tatatgttca | agaggggteg atatetetgt cegtataet | 39 |
| 10.1.0- | | |
| | 33 | |
| | 39 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | 1st Oligonucleotide | |
| <400> | 33 | |
| | | 39 |
| arygicaaaa (| cgcgcctgat agacatcaag ccctcgtat | 29 |
| <210> | 34 | |
| <211> | 39 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | 1st Oligonucleotide | |
| <100> | 2.1 | |





| tagaaagtat | ttgttgccgt attaacgaac ccggccaca | 39 |
|------------|---|----|
| <210> | 35 | |
| <211> | 39 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | 1st Oligonucleotide | |
| <400> | 35 | |
| gtaaggette | tgctgtgaca gtgacaaaac gcagaactg | 39 |
| <210> | 36 | |
| <211> | 53 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | 1st Oligonucleotide | |
| | | |
| <400> | 36 | |
| aattotaata | cgactcacta tagggagatt tttatcgctt tgctgatttt tca | 53 |
| <210> | 37 | |
| <211> | 53 | |
| <212> | DNA | |
| <213> | Artificial Sequence | |
| <220> | | |
| <223> | 1st Oligonucleotide | |
| | | |
| <400> | 37 | |
| aattctaata | cgactcacta tagggagacg ccattcgttg actacttctt atc | 53 |
| <210> | 38 | |









<400>

44

aattotaata cgactcacta tagggagact tacgcttcag gcagatacag aga

53